

OK TO ENTER

H. Cantu
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GREGG CANTELMO
PRIMARY EXAMINER

Amendments to the claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuel cell control system for controlling a fuel cell stack constructed by a plurality of individual cells each of which generates an electric power by an electrochemical reaction of hydrogen and oxygen, said fuel cell control system comprising:

output voltage measuring means for measuring output voltages of all or a part of said individual cells; and

diagnosing means for diagnosing said fuel cell stack on the basis of the measured output voltages and their statistics, and for diagnosing at least whether or not an amount of water involved in said fuel cell stack is excessive based on said output voltage and an average voltage of said output voltages,

wherein said operation of said fuel cell control system is controlled according to said diagnosis result of said diagnosing means, and

said statistics include an average and standard deviation of said measured output voltages.

2. (Canceled)

3. (Currently Amended) The fuel cell control system according to claim-21, wherein said diagnosing means diagnoses that the hydrogen electrode is blocked by water, if said average voltage is within a prescribed range and ~~moreover~~ at least one of said measured output voltages is not within a prescribed range.

4. (Currently Amended) The fuel cell control system according to claim-21, wherein said diagnosing means diagnoses that the electrolyte film is dried, if said average